draft
in H: M53-05.RVW

March 4, 1992

RE: Review of Tenneco Minerals Company, January 1, 1992 Submittal, Goldstrike Project, M/053/005, Washington County, Utah

COMMENTS IN ADDITION TO THOSE ON THE CHECKLIST FORM {AAG}

***If either of you(Wayne-Holland) know the answer to these questions or if I'm way out in the ozone please feel free to let me know.

Storm water calculations on page 53 assume that only the area of the leach pad #3 under active leaching (7.7 acres) will contribute additional storm water to the pond inventory. This implies that the remaining 6.6 acres of the leach pad (14.3 acres total) are assumed to absorb all rainfall water without contributing any to the pond inventory. Please justify this rationale.

Page 54 describes a 2.4 acre reduction of surface area under leach. Please explain this reduction. (WAYNE or HOLLAND- do you remember from the inspection?)

Page 54 describes an existing application rate of 750 GPM, while page 33 described the existing rate as 830 GPM. Please explain this discrepancy.

Calculations on page 54 show the resultant maximum area of yield from the leach pads as 333,000 SF, while page 53 describes this area as 335,000 SF. Please explain this discrepancy.

Calculations of page 54 describe the area of the process ponds as 82,000 SF, while page 33 described this area as 119,470 SF. If there have been no physical changes in the ponds why has the area changed?

Pond inventory calculations on pages 54-55 included an assumption of: a four hour inventory in the pregnant and barren ponds and nine hours of inventory in the recycle/neutralization pond. Please explain the basis of this assumption under the new 24 hour operating scenario.

Calculations on page 55 list the storm water yield from the pad margins for both pads as 232,000 SF. Which pads does this statement refer to? Why has the volume not changed with the addition of a third pad? Please explain.

Pad draindown is included in the calculations on page 55, but was not included in the previous calculations on page 34. Please explain why.

What is the surface area of the fresh water pond (as a basis for calculating a 34,000

gain from precipitation)? -see page 56-

Page 70 refers to "waste rock piles". Does this refer to the waste dumps or some other feature?

What materials will the Goldtown pit be backfilled with if the Basin Pit is not developed? (Was the Basin Pit or the Main Pit canceled? HELP- DWH OR HWS)

What is the likelihood now, that the red bed material will be used as a substitute fill material? -see page 71-

If the Arsenic and Basin Pits are not going to be developed, the interim reclamation schedule on page 75 will need to be adjusted accordingly.

Page 57 refers to a "DE pond", is this the Solids/Evaporation pond (SE pond)?